

# Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[Smad4<sup>tm1Rob</sup>/Smad4<sup>tm1.1Rob</sup>; Amhr2<sup>tm3\(cre\)Bhr</sup>/Amhr2<sup>+</sup>](#)

RRID:MGI:3624725

Type: Organism

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## Proper Citation

RRID:MGI:3624725

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3624725

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal secondary ovarian follicle morphology, abnormal ovarian follicle morphology, increased circulating progesterone level, abnormal cumulus expansion, infertility, abnormal granulosa cell morphology, absent cumulus expansion, decreased ovulation rate, abnormal ovarian folliculogenesis, decreased mature ovarian follicle number, decreased litter size, decreased oocyte number

**Affected Gene:** Smad4, Amhr2

**Genomic Alteration:** tm3(cre)Bhr, tm1Rob, tm1.1Rob

**Catalog Number:** 3624725

**Background:** involves: 129S/SvEv \* C57BL/6J

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:16513794](#)

**Organism Name:** Smad4<sup>tm1Rob</sup>/Smad4<sup>tm1.1Rob</sup>; Amhr2<sup>tm3(cre)Bhr</sup>/Amhr2<sup>+</sup>

**Record Creation Time:** 20240120T190558+0000

**Record Last Update:** 20240130T202004+0000

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## Ratings and Alerts

No rating or validation information has been found for Smad4<sup>tm1Rob</sup>/Smad4<sup>tm1.1Rob</sup>; Amhr2<sup>tm3(cre)Bhr</sup>/Amhr2<sup>+</sup>.

No alerts have been found for Smad4<sup>tm1Rob</sup>/Smad4<sup>tm1.1Rob</sup>; Amhr2<sup>tm3(cre)Bhr</sup>/Amhr2<sup>+</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.